

2005 SEED SUMMARY REPORT INSPECTION RESULTS



**PLANT INDUSTRIES DIVISION
BUREAU OF FEED AND SEED**

FREDERICK FERRELL, DIRECTOR

Missouri Department of Agriculture
Mission Statement

To serve, promote, and protect the agricultural producers, processors, and consumers of Missouri's food, fuel, and fiber products.

FOREWORD

The Seed Summary report is comprised of two sections.

Section one is intended to show the reliability of labelers in meeting their claims for seed quality. Inspections listed in this section were random, with no intentional bias, for the purpose of providing a means of comparing each labeler's reliability in meeting claims. The greater the number of samples taken per labeler, the greater the probability that the consistency in meeting claims shown will represent the labeler's actual performance.

Section two is comprised of selective inspections designed specifically to curtail labeling and licensing violations of the Missouri Seed Law. Examples of violations are selling seed without a permit, selling seed out of test date, and labeling omissions or inconsistencies with the law.

Stop sales are debited to the labeler if a discrepancy from the labeler's claim is found. If a lot of seed is found offered for sale past the time allowed on the existing germination test date, that violation is charged against the possessor of the seed. Violations recorded against the possessor of the seed are listed in section two.

All inspections were performed to fulfill the regulatory responsibilities given by the Missouri Department of Agriculture by the Missouri Seed Law, Statute Sections 226.011 through 266.111 (RSMo 2000).

INTRODUCTION

The Missouri Department of Agriculture, Plant Industries Division, Bureau of Feed and Seed are pleased to publish the 2005 Seed Summary Report and Inspection Results.

The quality of Missouri seed in 2005 dropped slightly compared to 2004. Two thousand-six (2,006) lots of seed were officially sampled and tested. One hundred thirty (130) stop-sale orders were issued for seed failing to meet its labeled guarantees. This resulted in a compliance rate of 93.52 percent compared to 95.78 percent in 2004.

The Missouri Seed Control Laboratory tested 722 service samples in 2005. A total of 2,728 official and service samples were tested in 2005 resulting in a total of 5,138 individual tests performed.

All seed retailers are required to have their on-hand carry over seed retested for germination every 10 months (counting the month the seed was retested.) The new test date must appear on all labels. Seed lots found to be out of test date will be placed on stop sale order until such time as the seed has been tested and a new test date is placed on the label with any change in germination rate noted or the seed is disposed of in an acceptable manner. In 2005, 56 field written stop sale orders were issued mainly on out of test date seed.

The Bureau of Feed and Seed offers many seed sampling and seed testing services. The charges for analysis and analytical reports on seed samples are listed in the Missouri Seed Law Rules 2CSR 70-35.050.

For more information concerning the services offered by the Bureau of Feed and Seed, contact the feed and seed inspector in your area or contact:

**Missouri Department of Agriculture
Plant Industries Division
P.O. Box 630
Jefferson City, MO 65102**

**Becky.Lueckenotte@mda.mo.gov
(573) 751-4310 Office; (573)751-5500 Office Fax
(573) 751-4340 Seed Laboratory; (573) 526-7777 Seed Laboratory Fax
Or visit our Web site at www.mda.mo.gov
Plants, Grain, Feed & Seed**

PLANT INDUSTRIES DIVISION

BUREAU OF FEED AND SEED

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Chillicothe, MO 64601
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AREA 3

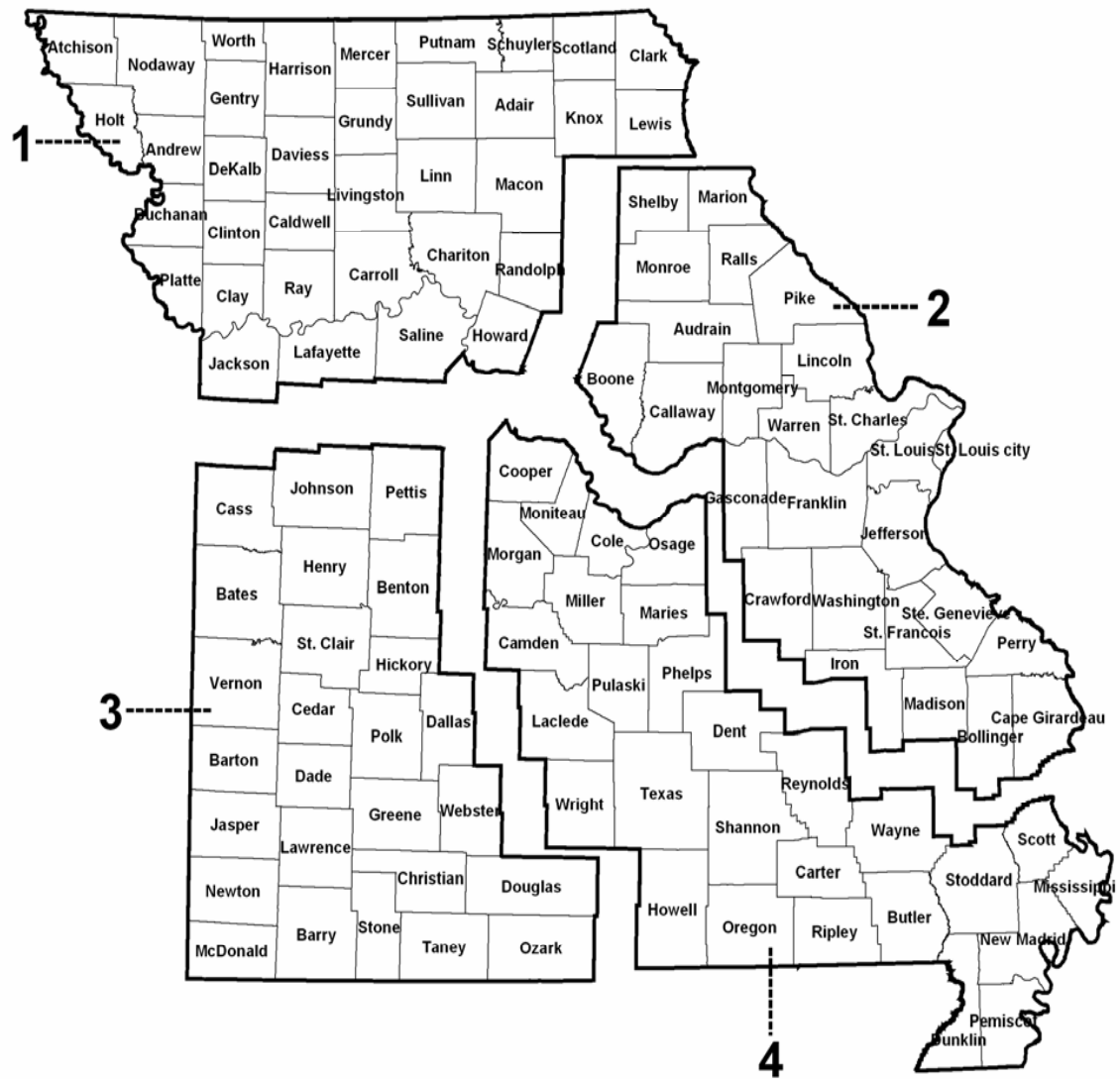
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(636) 239-3085

AREA 4

Devin Hart
16694 Amber Drive
Houston, MO 65483
(417) 967-4672



2005 STATISTICAL SUMMARY SAMPLES ANALYZED FOR 2005

OFFICIAL SAMPLES ANALYZED		2,006
Purity		877
Noxious Weed		985
Germination		2,211
TOTAL NUMBER OF LOTS IN VIOLATION		130
TOTAL OFFICIAL TESTS PERFORMED		4,288
COMPLIANCE RATE OF OFFICIAL SAMPLES ANALYZED		93.52%
SERVICE SAMPLES ANALYZED		722
Purity		44
Noxious Weed		43
Germination		755
TOTAL SERVICE SAMPLES TESTS PERFORMED		850
OTHER TESTS		8
TZ		2
Seed Count per pound		6
TOTAL SAMPLES FOR 2005		2728
TOTAL TESTS PERFORMED FOR 2005		5138
SEED PERMITS ISSUED FOR 2005		4048

Information on samples, inspection of seeds, or service samples are available from the Bureau of Feed and Seed, 1616 Missouri Boulevard, Jefferson City, Missouri, 65109 or by calling (573) 751-5474.

SUBMITTING SERVICE SAMPLES

➤ **Testing period for free seed analysis:**

June 1 through August 31

November 1 through January 15

➤ **Testing period for charges on seed analysis:**

January 16 through May 31

September 1 through October 31

➤ **Purity charges:**

One cultivar

\$12.00

More than one cultivar in same sample

\$18.00

Seed having less than 90 percent pure seed

\$10.00/hour

➤ **Germination charges (highly chaffy grasses, excluded)**

\$12.00

➤ **Other testing charges:**

TZ

\$25.00

Highly chaffy seed

\$10.00/hour

Highly chaffy germ

\$14.00

Endophyte from growth

\$30.00

Endophyte from seed

\$20.00

Noxious and Prohibited weed seed

\$12.00

Complete Test (Including Purity, Germination, and Noxious Weeds)

\$36.00

Cold Test (Soybeans)

\$12.00

Cool Test (Cotton)

\$12.00

CRITERIA FOR OBTAINING A SERVICE SAMPLE

Forward your seed in containers adequate to protect the sample.

Without proper sampling technique, test will not reflect true quality of the seed.

➤ **Bulk lot seeds:**

Take a sample from several places.

Mix the seed samples thoroughly.

Make a composite sample.

➤ **Bagged lot seeds:**

Take sample from approximately 10 percent of the bags.

Mix the seed samples thoroughly.

Make a composite sample.

➤ **Size of sample needed for testing:**

TYPE OF SEED	SAMPLE SIZE GERMINATION	SAMPLE SIZE PURITY
Soybeans	one quart	one-half gallon
Large Seeds (corn, cotton, small grain, sorghum)	one pint to one quart	one quart
Small seeds (grass, clover, alfalfa, lespedeza)	one-half pint	one quart

SEED ANALYSIS SERVICE SAMPLE APPLICATION

Submit seed samples with request for analysis to: **State Seed Control Laboratory**
Department of Agriculture
1616 Missouri Blvd. (65109)
P.O. Box 630 (65102)
Jefferson City, MO

PLEASE PRINT OR TYPE THE FOLLOWING INFORMATION:

Date _____

Lot number or ID of seed _____ Kind of seed _____

Check the following
analysis to be run:

Free _____

Charge _____ (see page 7 for free & charge times)

Germination _____

Purity _____

Noxious or prohibited
weed seed content _____

Other (please specify) _____

Person planting this seed _____

Address _____
(Route/Street No.) (P.O. Box)

(City) (State) (Zip)

(Phone number)

SECTION ONE

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

1

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
A H HUMMERT SEED COMPANY	1	1						
EARTH CITY MO								
FESCUE, TALL	1	1						
ADVANTA USA INC	27	27						
SLATER IA								
SOYBEANS	27	27						
AGRO DISTRIBUTION LLC	14	14						
ST JOSEPH MO								
MIXED SEED	1	1						
BLUEGRASS, KENTUCKY	2	2						
BROME, SMOOTH	1	1						
FESCUE, RED	2	2						
FESCUE, TALL	5	5						
RYEGRASS, ANNUAL	2	2						
RYEGRASS, PERENNIAL	1	1						
AGVENTURE INC	6	5	1		1			
KENTLAND IN								
SOYBEANS	6	5	1		1			
ANDREWS FARM SEED	3	3						
CARTHAGE MO								
WHEAT	3	3						
ARKANSAS COUNTY SEED CO.	2	2						
STUTTGART AR								
OAT	2	2						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

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COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
BAKER CREEK HEIRLOOM MANSFIELD, MO	27	25	2		2			
MIXED SEED	1	1						
VEGETABLE	26	24	2		2			
BARENBRUG USA	13	11	2		1	1		
TANGENT OR								
BROMEGRASS	1	1						
FESCUE, TALL	6	5	1		1			
RYEGRASS	1	1						
RYEGRASS, ANNUAL	1	1						
RYEGRASS, PERENNIAL	3	2	1			1		
OTHER	1	1						
BEACHNER SEED COMPANY	1		1	1				
ST PAUL KS								
BLUEGRASS, KENTUCKY	1		1	1				
BELLEVILLE SEED HOUSE IN BELLEVILLE IL	1	1						
CLOVER, RED	1	1						
BELT FUR WOOL & SEED CO	6	6						
LEONARD MO								
WHEAT	6	6						
BEST SEED COMPANY	2	2						
ELDRED IL								
CORN, FIELD	1	1						
SORGHUM, GRAIN	1	1						
BIO GENE SEEDS	1	1						
SARDINIA OH								
CORN, FIELD	1	1						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

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COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
BIO PLANT RESEARCH CAMP POINT IL	1	1						
WHEAT	1	1						
BO JAC HYB CORN CO MT PULASKI IL	1	1						
SOYBEANS	1	1						
BUCHHEIT INC PERRYVILLE MO	7	7						
MIXED SEED	1	1						
BLUEGRASS, KENTUCKY	1	1						
CLOVER, ALSIKE	1	1						
CLOVER, LADINO & WHITE	1	1						
FESCUE, TALL	1	1						
ORCHARDGRASS	1	1						
WHEAT	1	1						
BUNCK SEED FARMS EVEREST KS	2	2						
WHEAT	2	2						
BWI COMPANIES INC SPRINGFIELD MO	2	1	1	1				
MIXED SEED	2	1	1	1				
BWI COMPANIES INC	25	22	3	1	1	1		1
TEXARKANA TX								
MIXED SEED	2	2						
FESCUE, TALL	13	11	2		1	1		
RYEGRASS	2	2						
RYEGRASS, ANNUAL	4	3	1	1				1
RYEGRASS, PERENNIAL	4	4						
CAUDILL SEED & WAREHOUSE LOUISVILLE KY	1	1						
WHEAT	1	1						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

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COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
CEDAR HILL FEED MILL	1	1						
CEDAR HILL MO								
MIXED SEED	1	1						
CENEX/LAND O'LAKES AG	1		1		1			
FT DODGE IA								
SOYBEANS	1		1		1			
CENTRAL MISSOURI AGRISER	1	1						
MARSHALL MO								
SOYBEANS	1	1						
CHANNEL BIOLOGICAL CORPO	1	1						
KENTLAND IN								
CORN, FIELD	1	1						
CHARTER SEED CO. INC	1	1						
CALDWELL ID								
VEGETABLE	1	1						
CONIDA SEED CO.	1	1						
HAZELTON ID								
VEGETABLE	1	1						
CROOKHAM COMPANY	3	3						
CALDWELL IDAHO								
VEGETABLE	3	3						
CROP PRODUCTION SERVICES	5	5						
GALESBURG IL								
SOYBEANS	5	5						
CROPLAN GENETICS/	1	1						
FT DODGE, IA								
MIXED SEED	1	1						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

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COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
CROW'S HYBRID CORN CO	5	5						
KENLAND IN								
SOYBEANS	5	5						
DAVIS SEED CO.	1	1						
MORAVIA IA								
SOYBEANS	1	1						
DELANGE SEED HOUSE, INC.	2	2						
GIRARD KS								
FESCUE, TALL	2	2						
DISCOUNT SEEDS INC	3	3						
WATERTOWN SD								
RYE	3	3						
DORSING SEEDS INC	1	1						
NYSSA OR								
VEGETABLE	1	1						
EL-PAR STOCK & SEED FARM	3	3						
VERSAILLES MO								
BARLEY	2	2						
WHEAT	1	1						
ERNST CONSERVATION SEEDS	2		2		2			
MEADVILLE PA								
SWITCHGRASS	2		2		2			
EWING IRRIGATION	1	1						
OLATHE KS								
BLUEGRASS, KENTUCKY	1	1						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

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COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
FARMERS AG CENTER MTN GROVE MO	2	2						
FESCUE, TALL	2	2						
FELDMAN'S BLUE SPRINGS MO	4	3	1	1				1
FESCUE, TALL	4	3	1	1				1
FELDMAN'S ODESSA MO	1	1						
FESCUE, TALL	1	1						
FERGUSON SEED FARMS GLASGOW MO	1	1						
CLOVER, RED	1	1						
FIELDERS CHOICE DIRECT MONTICELLO IN	1	1						
CORN, FIELD	1	1						
FLICK SEED CO KINGSVILLE MO	3	2	1			1		
FESCUE, TALL	3	2	1			1		
FONTENELLE HYBRIDS NICKERSON NE	3	3						
SOYBEANS	3	3						
GARD 'N WISE KANSAS CITY MO	4	4						
MIXED SEED	2	2						
FESCUE, TALL	2	2						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

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COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
GEORGE KELLER & SONS CO QUINCY IL	13	12	1	1				
MIXED SEED	1	1						
FESCUE, TALL	7	6	1	1				
ORCHARDGRASS	2	2						
RYEGRASS, PERENNIAL	1	1						
TIMOTHY	2	2						
GEORGE'S TACK & FEED CAMDENTON MO	1	1						
MIXED SEED	1	1						
GERLOFF, KENNETH NEW FLORENCE MO	5	5						
WHEAT	5	5						
GRASS PAD WAREHOUSE OLATHE KS	18	15	3	3				1
MIXED SEED	9	7	2	2				1
BLUEGRASS, KENTUCKY	4	4						
FESCUE, TALL	4	3	1	1				
RYEGRASS, PERENNIAL	1	1						
GREEN SEED CO INC SPRINGFIELD MO	90	71	19	6	10	2	1	8
MIXED SEED	13	6	7	1	4		1	2
ALFALFA	3	3						
BLUEGRASS, KENTUCKY	2		2		2			
CLOVER	2	2						
CLOVER, ALSIKE	1		1	1				1
CLOVER, CRIMSON	1	1						
CLOVER, LADINO & WHITE	3	3						
CLOVER, RED	6	4	2		1	1		
FESCUE, RED	2	1	1		1			
FESCUE, TALL	20	17	3	3	1	1		3
LESPEDeza	1	1						
LESPEDeza, KOREAN	1	1						
LOVEGRASS	1	1						
MILLET	2	2						
ORCHARDGRASS	10	8	2	1				2
REDTOP	2	2						
RYE	4	4						
RYEGRASS, ANNUAL	7	7						
RYEGRASS, PERENNIAL	5	5						
SORGHUM, SUDANGRASS	1		1		1			

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

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COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
GREEN SEED CO INC								
SPRINGFIELD MO								
VEGETABLE	3	3						
GREEN SEED COMPANY OF TN	1		1		1			
KNOXVILLE TN								
ORCHARDGRASS	1		1		1			
GREEN VALLEY SEED INC	34	29	5	1	4			
KAHOKA MO								
ALFALFA	3	3						
BROMEGRASS	1		1		1			
BROME, SMOOTH	2	1	1		1			
CLOVER, RED	2	2						
FESCUE, TALL	1	1						
OAT	2	2						
ORCHARDGRASS	5	4	1	1				
REDTOP	1	1						
RYE	2	1	1		1			
RYEGRASS, ANNUAL	2	2						
RYEGRASS, PERENNIAL	3	3						
SOYBEANS	8	7	1		1			
TIMOTHY	1	1						
WHEAT	1	1						
HAMEL SEED & FARM SPLY	1	1						
WORDEN IL								
WHEAT	1	1						
HOEGEMEYER HYBRIDS	4	4						
HOOPER NE								
SOYBEANS	4	4						
HOFF FARMS INC	1	1						
BOONVILLE MO								
WHEAT	1	1						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

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COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
HOFFMAN & REED INC. TRENTON MO WHEAT	4	4						
HUMMERT INTERNATIONAL EARTH CITY MO MIXED SEED	17	16	1	1				
FESCUE, TALL	2	2						
RYEGRASS, ANNUAL	13	12	1	1				
RYEGRASS, PERENNIAL	1	1						
HUMMERT INTERNATIONAL TOPEKA, KS FESCUE, TALL	2	2						
J & J SEED CO GALLATIN MO SOYBEANS	1	1						
J C ROBINSON SEED CO WATERLOO NE SOYBEANS	7	7						
JAMES RENEAU SEED CO SHAMROCK TX RYE	4	3	1		1			
JAY TURNER COLUMBIA MO CLOVER, RED	4	3	1		1			
JOHNSON SEED CO ASHBURN GA FESCUE, TALL	1	1						
	3	2	1			1		
	3	2	1			1		

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

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COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
KAYSTAR SEED	1	1						
HURON SD								
SOYBEANS	1	1						
KINCAD MAC & JARET	1	1						
JASPER MO								
WHEAT	1	1						
KING CITY SEED & STORAGE	17	17						
KING CITY MO								
ALFALFA	1	1						
CLOVER, RED	1	1						
SOYBEANS	13	13						
WHEAT	2	2						
KRUGER SEED COMPANY	18	18						
DIKE IA								
CORN, FIELD	2	2						
SOYBEANS	16	16						
LAY SEED CO	1	1						
LABELLE MO								
SOYBEANS	1	1						
LEBANON SEABOARD CORP	6	6						
BRISTOL IL								
MIXED SEED	1	1						
FESCUE, TALL	5	5						
LEO STROBEL & SONS	7	7						
CONCORDIA MO								
SOYBEANS	3	3						
WHEAT	4	4						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

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COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
LESCO	5	5						
ROCKY RIVER OH								
MIXED SEED	3	3						
BLUEGRASS, KENTUCKY	1	1						
FESCUE, TALL	1	1						
LEWIS HYBRIDS	1	1						
URSA, IL								
CORN, FIELD	1	1						
MERSCHMAN SEEDS	6	6						
WEST POINT IA								
CORN, FIELD	1	1						
SOYBEANS	5	5						
MFA AGRI SERVICE	9	9						
WENTZVILLE MO								
MIXED SEED	9	9						
MFA EXCHANGE	1	1						
STE GENEVIEVE MO								
WHEAT	1	1						
MFA INC. SEED DIVISION	240	216	24	8	15	1		5
COLUMBIA MO								
MIXED SEED	16	12	4	4	1			
ALFALFA	5	5						
BLUEGRASS, KENTUCKY	2	2						
BROME, SMOOTH	6	6						
CANARYGRASS, REED	2	2						
CLOVER, CRIMSON	1	1						
CLOVER, LADINO & WHITE	1	1						
CLOVER, RED	18	17	1		1			
CORN, FIELD	1	1						
FESCUE, RED	3	2	1		1			
FESCUE, TALL	54	43	11	3	6	1		3
LESPEDeza, KOREAN	4	1	3		3			2
MILLET	1	1						
OAT	1	1						
ORCHARDGRASS	19	18	1	1				
RYEGRASS	1	1						
RYEGRASS, ANNUAL	5	5						
RYEGRASS, PERENNIAL	4	3	1		1			
SORGHUM, SUDANGRASS	1	1						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

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COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
MFA INC. SEED DIVISION								
COLUMBIA MO								
SOYBEANS	70	68	2		2			
TIMOTHY	3	3						
WHEAT	21	21						
OTHER	1	1						
MFA SEED DIST	6	5	1	1				
SEDALIA MO								
FESCUE, TALL	1	1						
ORCHARDGRASS	3	2	1	1				
RYEGRASS	1	1						
RYEGRASS, ANNUAL	1	1						
MID-STATE SEED & STORAGE	13	12	1		1			
MARSHALL MO								
WHEAT	13	12	1		1			
MIDWEST SEED GENETIC INC	16	15	1		1			
CARROLL IOWA								
SOYBEANS	16	15	1		1			
MILLER SEED CO	8	8						
CLINTON MO								
MIXED SEED	1	1						
FESCUE, RED	1	1						
FESCUE, TALL	1	1						
LESPEDeza	1	1						
ORCHARDGRASS	1	1						
RYEGRASS, ANNUAL	2	2						
TIMOTHY	1	1						
MISSOURI FOOD & FIBER	3	3						
CONCORDIA MO								
CORN, FIELD	1	1						
SOYBEANS	2	2						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

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COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
MISSOURI FOUNDATION SEED	1	1						
COLUMBIA MO								
WHEAT	1	1						
MISSOURI SOUTHERN SEED	259	239	20	9	6		2	9
ROLLA MO								
MIXED SEED	27	24	3	2	1			1
ALFALFA	9	9						
BLUEGRASS, KENTUCKY	7	5	2		2			
BROME, SMOOTH	8	6	2		2			
CANARYGRASS, REED	2	2						
CLOVER, ALSIKE	3	2	1	1				1
CLOVER, CRIMSON	1	1						
CLOVER, LADINO & WHITE	6	5	1	1				
CLOVER, RED	9	9						
CLOVER, WHITE SWEET	1	1						
CLOVER, YELLOW SWEET	2	2						
FESCUE, RED	5	5						
FESCUE, TALL	72	68	4	2	1			4
LESPEDeza	3	2	1	1				1
LESPEDeza, KOREAN	14	13	1				1	
LESPEDeza, SERICEA	1	1						
MILLET	2	2						
MILLET, FOXTAIL	1	1						
OAT	1	1						
ORCHARDGRASS	23	20	3	2				1
RAPE, WINTER	2	2						
RYE	2	2						
RYEGRASS	7	7						
RYEGRASS, ANNUAL	11	9	2				1	1
RYEGRASS, PERENNIAL	15	15						
SORGHUM, SUDANGRASS	2	2						
SOYBEANS	1	1						
SUNFLOWER	1	1						
TIMOTHY	8	8						
VETCH, CROWN	1	1						
VEGETABLE	2	2						
WHEAT	2	2						
OTHER	8	8						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

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COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
MONSANTO CO	383	378	5		5			
ST LOUIS MO								
CORN, FIELD	10	10						
SORGHUM, GRAIN	2	2						
SORGHUM, SUDANGRASS	1	1						
SOYBEANS	370	365	5		5			
MORGAN COUNTY SEEDS	10	10						
BARNETT MO								
VEGETABLE	10	10						
MORNING SUN SEED	4	4						
WESTBORO MO								
SOYBEANS	4	4						
MYCOGEN SEEDS	17	17						
INDIANAPOLIS IN								
CORN, FIELD	8	8						
SORGHUM, GRAIN	1	1						
SOYBEANS	8	8						
N C + HYBRIDS	10	9	1		1			
LINCOLN NE								
CORN, FIELD	3	3						
SOYBEANS	7	6	1		1			
NIXA HARDWARE	11	11						
NIXA MO								
ALFALFA	1	1						
BROME, SMOOTH	1	1						
CLOVER, RED	2	2						
FESCUE, TALL	3	3						
ORCHARDGRASS	1	1						
RYEGRASS, ANNUAL	1	1						
RYEGRASS, PERENNIAL	1	1						
WHEAT	1	1						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

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COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
NUTECH	12	10	2		2			
LELAND IA								
CORN, FIELD	2	2						
SOYBEANS	10	8	2		2			
OEP & MWE PRODUCTIONS	1	1						
POCAHONAS AR								
LESPEDAZA	1	1						
OLEAN SEED COMPANY	2	2						
OLEAN MO								
MIXED SEED	1	1						
FESCUE, TALL	1	1						
PENNINGTON SEED INC	157	156	1		1			
GREENFIELD MO								
MIXED SEED	49	49						
BERMUDAGRASS	2	2						
BLUEGRASS, KENTUCKY	11	11						
CLOVER, LADINO & WHITE	1	1						
CLOVER, RED	1	1						
FESCUE, RED	2	2						
FESCUE, TALL	60	59	1		1			
RYEGRASS	10	10						
RYEGRASS, ANNUAL	16	16						
RYEGRASS, PERENNIAL	5	5						
PENNINGTON SEED INC	2	2						
LEBANON OR								
FESCUE, TALL	1	1						
RYEGRASS, ANNUAL	1	1						
PFISTER HYBREDS	1	1						
EL PASO IL								
CORN, FIELD	1	1						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

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COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
PIONEER HI-BRED INT	40	39	1		1			
JOHNSTON IA								
MIXED SEED	2	1	1		1			
CORN, FIELD	19	19						
SORGHUM, GRAIN	1	1						
SOYBEANS	15	15						
WHEAT	3	3						
PLANTERS SEED CO	4	4						
KANSAS CITY MO								
MIXED SEED	2	2						
FESCUE, TALL	1	1						
RYEGRASS, PERENNIAL	1	1						
POWELL SEED FARM	4	4						
LINNEUS MO								
BROME, SMOOTH	1	1						
FESCUE, TALL	2	2						
WHEAT	1	1						
PRODUCERS HYBRIDS	10	9	1		1			
BATTLE BREEK NE								
SOYBEANS	10	9	1		1			
PRODUCTION INC	1	1						
MADISON GA								
MIXED SEED	1	1						
PRODUCTION PLUS	2	2						
PLAINVIEW MO								
MILLET	1	1						
SORGHUM, GRAIN	1	1						
REEDS SEEDS INC	5	4	1			1		1
CHILLICOTHE MO								
ALFALFA	1	1						
CLOVER, LADINO & WHITE	1	1						
FESCUE, TALL	1	1						
OAT	1		1			1		1
ORCHARDGRASS	1	1						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

17

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
RENZE HYBRIDS INC	4	4						
CARROLL IA								
SOYBEANS	4	4						
REX AND AMY HAMILTON	1	1						
ELK CREEK MO								
INDIANGRASS	1	1						
RICHARDSON SEEDS INC	1	1						
VEGA TX								
TRITICALE	1	1						
RIESCHICK SEED	1	1						
SOLDIER KS								
BROME, SMOOTH	1	1						
RIVER BEND CUSTOM SEED	3	3						
CARROLTON MO								
WHEAT	3	3						
ROBINSON SEED SERVICE	16	14	2	2				
ST LOUIS MO								
MIXED SEED	10	9	1	1				
BLUEGRASS, KENTUCKY	1	1						
FESCUE, TALL	4	3	1	1				
RYEGRASS, PERENNIAL	1	1						
S & S SEED	19	12	7	5	3		1	3
STOCKTON MO								
MIXED SEED	4	3	1	1	1			
CLOVER, RED	2	1	1	1				1
FESCUE, TALL	6	4	2		2		1	
LESPEDeza, KOREAN	2	2						
ORCHARDGRASS	3		3	3				2
RYEGRASS, ANNUAL	1	1						
RYEGRASS, PERENNIAL	1	1						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

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COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
SANSGAARD SEED FARM INC STORY CITY IA	4	4						
SOYBEANS	4	4						
SEED RESEARCH OF OREGON CORVALLIS OR	1	1						
RYEGRASS, PERENNIAL	1	1						
SERVICE & SUPPLY COOP NEW FLORENCE MO	1	1						
WHEAT	1	1						
SEXAUER DISCOUNT FARM SE BROOKINGS SD	1	1						
RYE	1	1						
SHAWNEETOWN FEED&SEED CO JACKSON MO	2	1	1		1			
CLOVER, RED	1	1						
LESPEDeza, KOREAN	1		1		1			
SIEMER MANGELSDORF EAST ST LOUIS	22	20	2		1			1
MIXED SEED	1	1						
BLUEGRASS, KENTUCKY	1	1						
FESCUE, RED	2	2						
FESCUE, TALL	12	10	2		1			1
OAT	2	2						
RYEGRASS, PERENNIAL	4	4						
SOMMER BROS SEED CO PEKIN IL	5	5						
SOYBEANS	5	5						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

19

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
STAR SEED CO	2	2						
BELOIT KS								
BROME, SMOOTH	1	1						
ORCHARDGRASS	1	1						
STINE SEED FARM INC	26	25	1		1			
ADEL IA								
CORN, FIELD	1	1						
SOYBEANS	25	24	1		1			
STRATTON SEED COMPANY	1	1						
STUTTGART AR								
OAT	1	1						
STUTTGART SEED CO INC	2	2						
STUTTGART AR								
OAT	2	2						
SYNGENTA SEED INC	1	1						
BOISE ID								
VEGETABLE	1	1						
SYNGENTA SEEDS INC	44	44						
MINNEAPOLIS MN								
MIXED SEED	1	1						
CORN, FIELD	13	13						
SOYBEANS	29	29						
WHEAT	1	1						
T & N INC	1		1	1				
FORISTELL MO								
MIXED SEED	1		1	1				
TASSO PRODUCTIONS LTD	1	1						
PLEASANTON TX								
VEGETABLE	1	1						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

20

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
TECH BRAND	12	10	2		2			
LELAND IA								
SOYBEANS	12	10	2		2			
TOBIN STANDARD SEED & KANSAS CITY MO	1	1						
FESCUE, TALL	1	1						
TRI-STAR SEED COMPANY	2	2						
SPRING HILL KS								
FESCUE, TALL	1	1						
RYEGRASS, ANNUAL	1	1						
TURNER SEED	1	1						
LAVERGNE TN								
FESCUE, TALL	1	1						
UAP SEED CO	6	6						
GREELEY CO								
SOYBEANS	6	6						
VALLEY PARK ELEVATOR	2	2						
VALLEY PARK MO								
MIXED SEED	2	2						
W L RESEARCH	1	1						
MADISON WI								
MIXED SEED	1	1						
W S D A	3	3						
KAHOKA MO								
SOYBEANS	3	3						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

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COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
W.S.D.A.	3	3						
GARDEN CITY MO								
CORN, FIELD	1	1						
SORGHUM, GRAIN	1	1						
SOYBEANS	1	1						
WAX COMPANY INC	1	1						
AMORY MS								
FESCUE, TALL	1	1						
WEBER SEEDS INC	15	14	1		1			
MARSHALL MO								
LESPEDAZA	1	1						
SOYBEANS	8	7	1		1			
WHEAT	6	6						
WILKEN SEED GRAIN INC	2	2						
PONTIAC IL								
WHEAT	2	2						
WILLIAMS LAWN SEED CO	96	89	7	4	3			
MARYVILLE MO								
MIXED SEED	6	5	1	1				
BLUEGRASS, KENTUCKY	27	23	4	2	2			
FESCUE	4	4						
FESCUE, RED	10	9	1		1			
FESCUE, TALL	32	31	1	1				
RYEGRASS	1	1						
RYEGRASS, ANNUAL	2	2						
RYEGRASS, PERENNIAL	14	14						
WILSON HYBRIDS INC	2	2						
HARLAN IA								
SOYBEANS	2	2						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

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COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
WL ALFALFAS	1	1						
MADISON WI								
MIXED SEED	1	1						
WYATT-QUARLES SEED CO	1	1						
GARNER NC								
FESCUE, TALL	1	1						
WYFFELS HYBRIDS INC	1	1						
ATKINSON IL								
CORN, FIELD	1	1						
TOTAL SAMPLES----->2006		1876	130	46	70	8	4	30
AVERAGES----- 100		94	6	2	3			1

SECTION TWO

VIOLATIONS OF SEED LOTS FOR REASONS OTHER THAN CONTENT CLAIMS

**VIOLATIONS ON SEED LOTS FOR REASONS
OTHER THAN CONTENTS CLAIMS**

Company	Reason Field Written Stop Sale was Issued	Number of Violations
Central Missouri Agri Service 19503 Slater, MO	Out of test date	2
Farmers Elevator & Exchange 137015 Monroe City, MO	Out of test date	1
Farmers Elevator & Supply 083002 Clinton, MO	No Label	1
Feldman's 095116 Blue Springs, MO	Out of test date	15
Glasgow MFA-Fayette 089011 Fayette, MO	Out of test date	2
Glasgow MFA- Armstrong 089012 Armstrong, MO	Out of test date	3
Johnson Feed Store 223001 Piedmont, MO	Out of test date	3
Kingdom Feed Service Inc 027001 Fulton, MO	Out of test date	3
K-Mart 095264 Independence, MO	Out of test date	3

Legrand Feed LLC 023002 Poplar Bluff, MO	Out of test date	2
Main Street Hardware & Farm Supply 095488 Grain Valley, MO	Out of test date	5
MFA Agri Service 019008 Centralia, MO	Out of test date	1
MFA Agri-Service 071013 St Clair, MO	Out of test date	1
MFA Coop Association 071008 New Haven, MO	Out of test date	2
MFA Agri Service 107012 Higginsville, MO	Out of test date	2
River Valley Ag Service 107009 Odessa, MO	Out of test date	1
TOTAL VIOLATIONS		47